

WHAT IS PYTHON

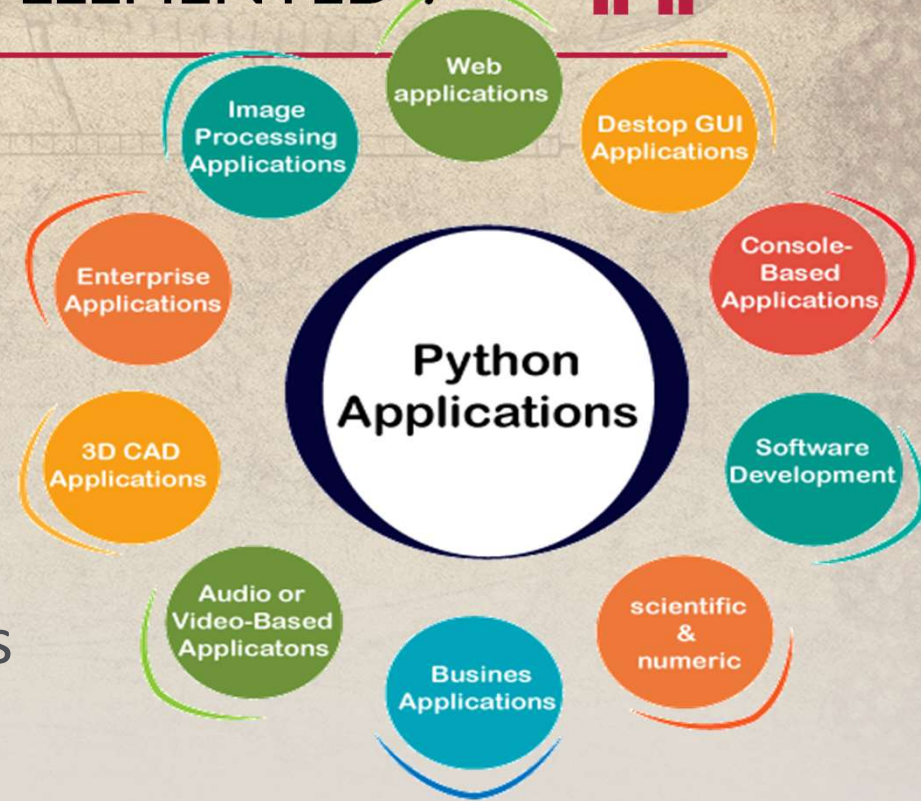


- Python is an interpreted, object-oriented, high-level programming language with dynamic semantics developed by Guido van Rossum. It was originally released in 1991. Designed to be easy as well as fun, the name "Python" is a nod to the British comedy group Monty Python.
- Python is a widely used general-purpose, high level programming language. It was created by Guido van Rossum in 1991 and further developed by the Python Software Foundation. It was designed with an emphasis on code readability, and its syntax allows programmers to express their concepts in fewer lines of code.

WHERE PYTHON CAN BE IMPLEMENTED ?



The source code is first compiled and converted to a bytecode. This bytecode is then executed on a virtual machine. Python implementations are defined based on the language these virtual machines are built on or the way it is interpreted/compiled.

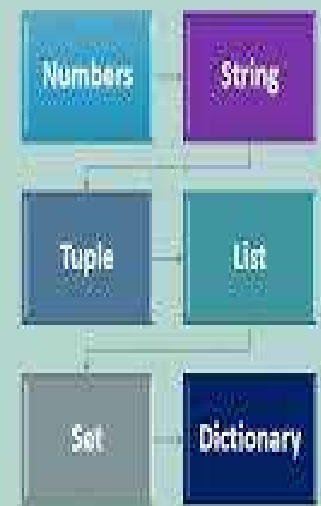


WHAT ARE THE TYPES OF PYTHON ?



- ☐ Numeric data types: int, float, complex.
- ☐ String data types: str.
- ☐ Sequence types: list, tuple, range.
- ☐ Binary types: bytes, bytearray, memoryview.
- ☐ Mapping data type: dict.
- ☐ Boolean type: bool.
- ☐ Set data types: set, frozenset. Python Numeric Data Type. Python numeric data type is used to hold numeric values like;

Python Data Types

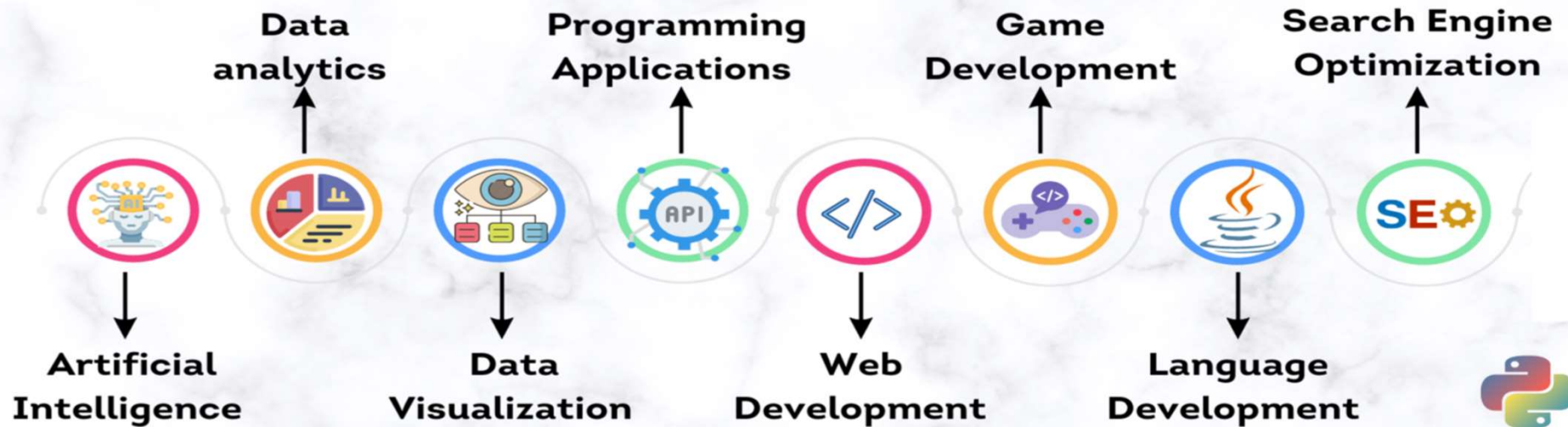


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HOW PYTHON CAN BE USED ?



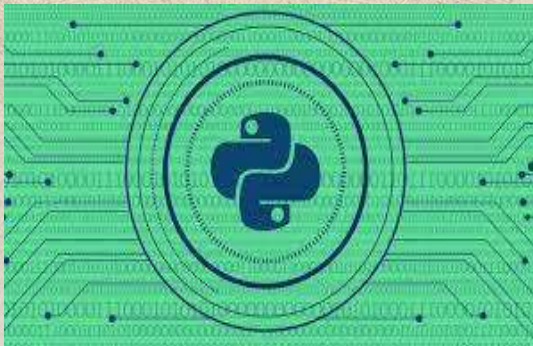
What is Python used for?



PYTHON ETHICS



Members of the community are considerate of their peers -- other Python users. Being respectful. We're respectful of others, their positions, their skills, their commitments, and their efforts. Gracefully accepting constructive criticism.



PYTHON



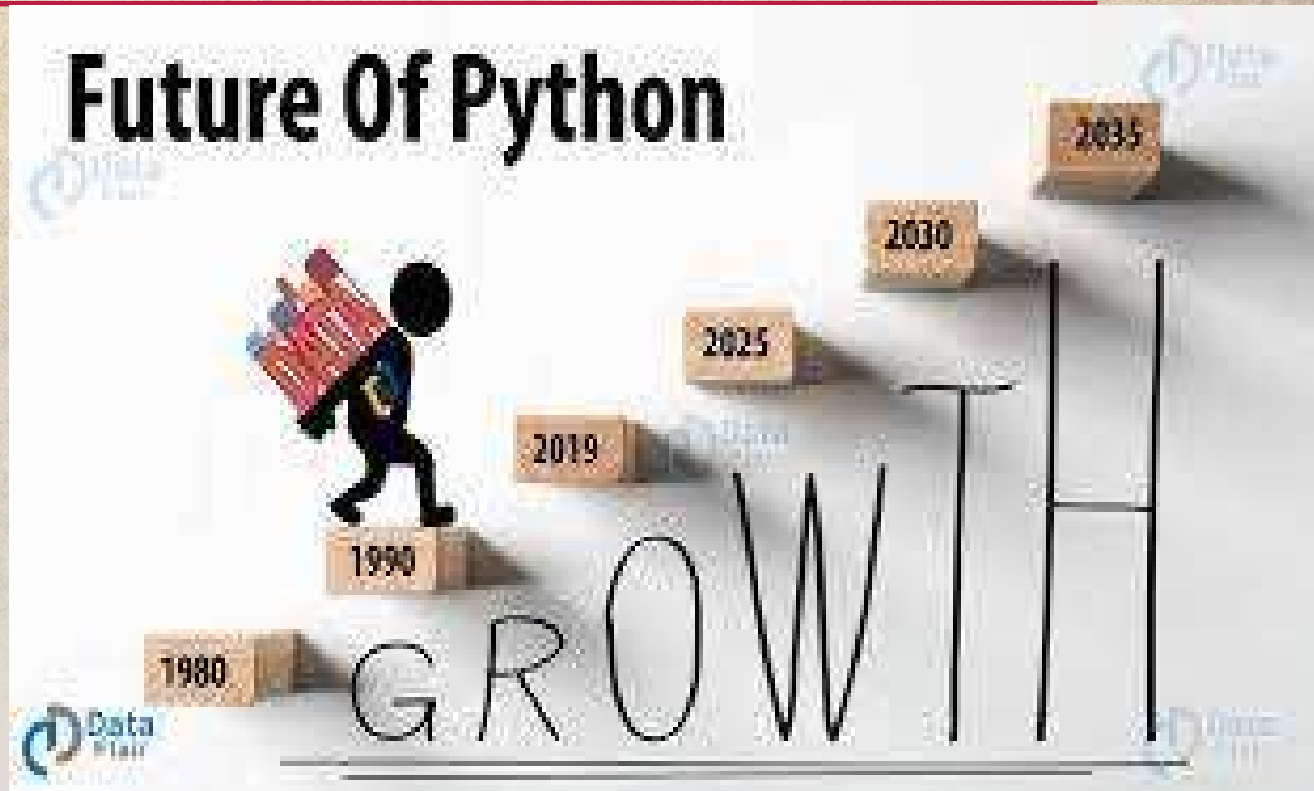
PYTHON



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FUTURE OF PYTHON

Future Scope of PythonIt is one of the quickest developing dialects and has experienced an effective range of over 25 years to the extent its selection is concerned.This accomplishment also reveals a promising future degree of python programming lingo.Truth be told, it has been ceaselessly filling in as the best programming dialect for application improvement, web advancement, diversion improvement, framework organization, logical and numeric registering, GIS and Mapping and so forth.



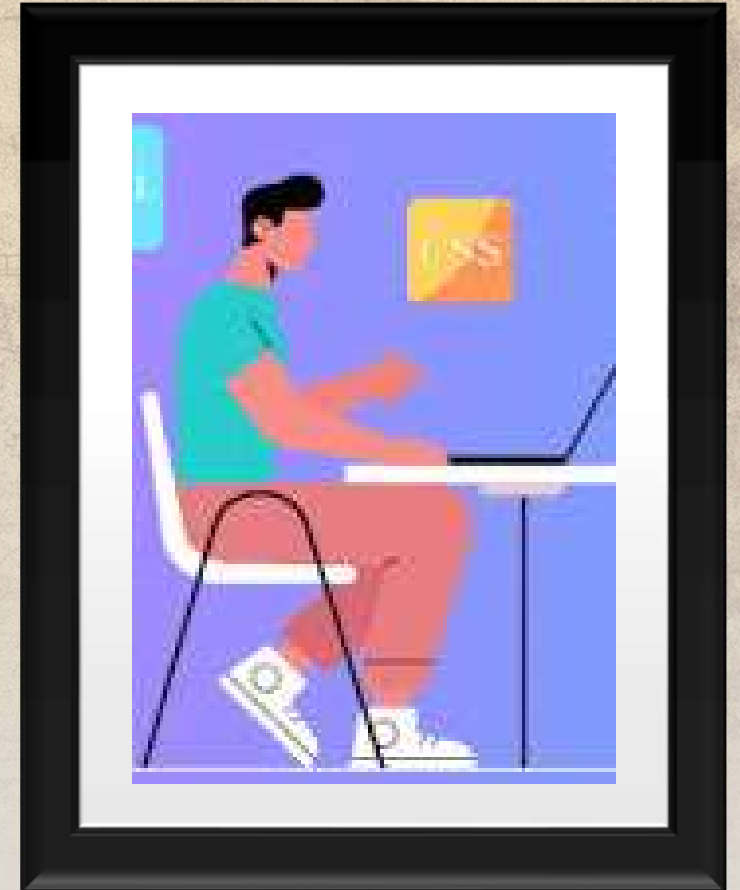
COURSES BELONGS TO PYTHON

What are the Python courses?

Top courses in Python and Machine Learning

- Complete Machine Learning & Data Science Bootcamp 2023. ...

- Python for Machine Learning & Data Science Masterclass. ...
- Algorithmic Trading A-Z with Python, Machine Learning & AWS.
- ...
- Time Series Analysis, Forecasting, and Machine Learning.



Thank You